

GenCore version 4.5
Copyright (c) 1993 - 2000 CompuGen Ltd.

OM nucleic - nucleic search, using sw model

Run on: June 30, 2002, 07:12:43 : Search time 2325.7 Seconds
(without alignments)
992.189 Million cell updates/sec

Title: US-09-303-518d-127
Perfect score: 1344
Sequence: 1 atgattaaatacaaaaagg.....conttgagaaggaaggtcga 1344

Scoring table: IDENTITY_NUC
Gapop 10_0 , Gapext 1.0

Searched: 1736436 seqs, 858457221 residues
Total number of hits satisfying chosen parameters: 3472872

Minimum DB seq length: 0
Maximum DB seq length: 2000000000
Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 100 summaries

Result No.	Score	Query Match	Length	ID	Description
1	1327	98.7	1344	20	AAZ12027
2	1229.4	91.5	1344	20	AAZ12026
3	1229.4	91.5	44608	21	AAA81495
4	1229.4	91.5	349980	21	AAZ12607
5	1165.4	86.7	1344	20	AAZ12028
6	527.2	39.2	1830121	17	NAZ42063
7	431.6	32.1	474	20	AAZ12025
8	431.6	32.1	474	21	AAA81335
9	351	26.1	363	21	AAZ54035
SUMMARIES					
1	1327	98.7	1344	20	AAZ12027
2	1229.4	91.5	1344	20	AAZ12026
3	1229.4	91.5	44608	21	AAA81495
4	1229.4	91.5	349980	21	AAZ12607
5	1165.4	86.7	1344	20	AAZ12028
6	527.2	39.2	1830121	17	NAZ42063
7	431.6	32.1	474	20	AAZ12025
8	431.6	32.1	474	21	AAA81335
9	351	26.1	363	21	AAZ54035

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

C	10	333.6	24.8	96109	22	AAF28548	Genomic fragment #
C	11	317.4	23.6	363	21	AAZ54034	Neisseria meningit
C	12	291.8	21.7	363	21	AAZ54033	Neisseria gonorrhoe
C	13	122.2	9.1	1353	20	AAZ91657	Porphyromonas ging
C	14	122.2	9.1	1362	20	AAZ91536	Porphyromonas ging
C	15	39.2	2.9	5059	20	AAZ84332	Stealth virus nucl
C	16	38.2	2.9	9762	21	AAZ48249	Rubella virus Cend
C	17	38.2	2.8	65140	22	AAZ17184	Streptomyces nous
C	18	38.2	2.8	125401	22	AAZ17186	Streptomyces nous
C	19	37.2	2.8	9759	19	AAZ34766	Rubella virus RA27
C	20	37	2.8	763	20	AAZ09101	Mistletoe lectin A
C	21	37	2.8	1598	20	AAZ09100	Mistletoe lectin D
C	22	36.6	2.7	1401	21	AAZ95378	Chlamydia pneumonia
C	23	36.4	2.7	1325	22	AAZ08837	Human G-protein co
C	24	36.4	2.7	4096	22	AAZ87442	Corynebacterium th
C	25	36	2.7	762	20	AAZ09104	Mistletoe lectin A
C	26	36	2.7	3230	22	AAH16235	Human cDNA sequenc
C	27	36	2.7	92934	21	AAH1473	N. meningitidis pa
C	28	36	2.7	172325	21	AAZ21613	Neisseria meningit
C	29	36	2.7	837096	21	AAZ81489	N. meningitidis pa
C	30	35.8	2.7	699	22	AAZ97005	Mycobacterium tube
C	31	35.8	2.7	4403765	22	AAZ99683	Mycobacterium tube
C	32	35.8	2.7	4411529	22	AAZ99682	f-Therien rubella
C	33	35.6	2.6	2558	21	AAZ08045	Infectious rubella
C	34	35.6	2.6	9757	16	AAZ97686	Infectious rubella
C	35	35.6	2.6	9759	18	AAZ89642	Rubella virus cDNA
C	36	35.6	2.6	9759	21	AAZ08043	Pseudomonas aerugi
C	37	35.4	2.6	2727	23	AAZ54113	cDNA #195 encoding
C	38	35	2.6	296	23	AAZ57519	Nitrosomonas dnaK
C	39	35	2.6	1935	19	AAZ23811	DNA encoding novel
C	40	34.6	2.6	323	23	AAZ86095	Human breast and o
C	41	34.6	2.6	1139	21	AAZ21735	DNA encoding novel
C	42	34.6	2.6	1689	23	AAZ86098	DNA encoding novel
C	43	34.6	2.6	6237	23	AAZ76357	DNA encoding novel
C	44	34.4	2.6	1050	23	AAZ73416	DNA encoding novel
C	45	34.4	2.6	1050	23	AAZ80144	Human polynucleoti
C	46	34.4	2.6	1774	22	AAZ52900	Endotoxin Cryg gen
C	47	34.4	2.6	2165	18	AAZ59702	N. meningitidis pa
C	48	34.4	2.6	18974	21	AAZ81485	Neisseria meningit
C	49	34.4	2.6	349980	21	AAZ21607	N. meningitidis B
C	50	34.4	2.6	1437688	21	AAZ81490	Human protein HP03
C	51	34.2	2.5	1116	22	AAZ28683	Human G protein-co
C	52	34.2	2.5	1116	24	AAZ02176	DNA encoding a p2v
C	53	34.2	2.5	1119	21	AAZ64367	Human orphan G pro
C	54	34.2	2.5	1119	21	AAZ01119	Human G protein co
C	55	34.2	2.5	1119	21	AAZ6018	Human GTP-binding
C	56	34.2	2.5	1119	22	AAZ49504	Human G-protein co
C	57	34.2	2.5	1119	22	AAZ02585	Human G-protein co
C	58	34.2	2.5	1119	22	AAZ86237	Human DNA for pote
C	59	34.2	2.5	1119	24	AAZ98045	Human cDNA encodin
C	60	34.2	2.5	1237	24	AAZ98085	Human protein HP03
C	61	34.2	2.5	1560	24	AAZ19414	Human G-protein co
C	62	34.2	2.5	1720	22	AAZ28693	Human CON217 G pro
C	63	34.2	2.5	2444	24	AAZ26369	Human G protein co
C	64	34.2	2.5	2480	22	AAZ06509	Human G-protein co
C	65	34.2	2.5	2559	21	AAZ95039	Human G protein co
C	66	34.2	2.5	3180	22	AAZ25830	Human P2Y1i DNA
C	67	34.2	2.5	3789	22	AAZ66883	C glutamic acid codin
C	68	34.2	2.5	15783	22	AAZ39803	N. meningitidis pa
C	69	34.2	2.5	15783	22	AAZ90159	Platenolide syntha
C	70	34.2	2.5	25365	23	AAZ59558	Platenolide syntha
C	71	34.2	2.5	349980	22	AAH68529	N. meningitidis pa
C	72	34.2	2.5	349980	22	AAH68530	N. meningitidis pa
C	73	34	2.5	10577	21	AAZ81494	N. meningitidis pa
C	74	34	2.5	44377	18	AAZ78508	Platenolide syntha
C	75	34	2.5	44377	18	AAZ80414	N. meningitidis pa
C	76	34	2.5	69936	21	AAZ81479	N. meningitidis pa
C	77	34	2.5	349980	21	AAZ21610	Neisseria meningit
C	78	33.8	2.5	18796	23	AAZ59517	Propionibacterium
C	79	33.8	2.5	29379	23	AAZ59510	Propionibacterium
C	80	33.6	2.5	621	22	AAZ26372	P. putida oxygenas
C	81	33.6	2.5	1662	22	AAZ86154	DNA encoding a str
C	82	33.6	2.5	10732	21	AAZ10594	Gene encoding a su

Mycobacterium tuberculosis or related Mycobacterium by determining the nucleotide sequence of the first strain at positions in the complete sequence of the genome that correspond to positions that differ in the nucleotide sequences of M. tuberculosis strains CDC 1551 (AAI99683) and H37Rv (AAI99682). The method is useful for evaluating strain variation of M. tuberculosis and has valuable application in the fields of tuberculosis genetics, epidemiology, patient treatment and epidemic monitoring.

Note: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format directly from USPTO at seqdata.uspto.gov/sequence.html?docID=6294328B1.

Sequence 4411529 BP; 758565 A; 1449983 C; 1444602 G; 758377 T; 0 other;

[illegible]

RESULT 33	
AAA08045	
ID	AAA08045 standard; cDNA; 2558 BP.
XX	
XX	
AC	AAA08045;
XX	
DT	19-JUN-2000 (first entry)
XX	
DE	f-Therien rubella virus cDNA clone sequence SEQ ID NO:3.
XX	
KW	Rubella virus; infection; infectious; chimeric construct; anti-viral;
KW	vaccine; birth defect; autoimmune disease; ss.
XX	
OS	Rubella virus.
XX	
XX	US6054573-A.
PN	
XX	
PD	25-APR-2000.
XX	
PF	02-SEP-1997; 97US-0999733.
XX	
XX	28-JUN-1991; 91US-0722334.
PR	19-JUL-1993; 93US-0093453.
PR	02-JUN-1995; 95US-0459041.
XX	
XX	(UYGE-) UNIV GEORGIA STATE.
FA	
XX	
PI	Abernathy ES, Pougatchev K, Frey TK;
XX	
DR	WPI; 2000-328366/28.
XX	
PT	Highly infectious rubella virus clones useful for developing a rubella
PT	vaccine that can be safely administered to pregnant and older women
PT	without risk of birth defects and autoimmune disease
XX	
PS	Claim 2; Column 21-24; 17pp; English.
XX	
CC	The present invention describes nucleic acid molecules (AAA08044 and
CC	AAA08045) which are fragments of the f-Therien rubella virus genome.
CC	AAA08044 and AAA08045 are used to replace the corresponding fragments of
CC	infectious rubella virus cDNA clone with low specific infectivity

CC referred to as Robo102 to create a chimeric construct with high
CC specific infectivity, Robo302. The highly infectious rubella virus
CC clones are useful as molecular biology tools for studying rubella virus
CC and can be used for developing recombinant vaccines against rubella.
CC The rubella vaccines developed can be safely administered to pregnant
CC and older women without risk of birth defects or autoimmune disease.
XX
XX Sequence 2558 BP: 379 A; 991 C; 805 G; 383 T; 0 other;

	Query Match	2.68;	Score 35.6;	DB 21;	Length 2558;
	Best Local Similarity	45.4%;	Pred. No. 3.2;	Mismatches	Indels
	Matches 122:	Conservative	0;	Gaps	0;
Qy	55	gtcatttatgcggccgctcatcacgaagtcgcttgcttggcgaaagaatatgccggt	114		
Db	1142	ggcacctgtccgcgcacgcagagggtgtgcccaaggctactacgcagacctgaggtg	1201		
Qy	115	atgcgcacctngatgaagtcaaggaaagcgatgccgtcaaaaaaggccaagtctgttt	174		
Db	1202	cgcgcctcggggatgacgcctatgcccgggcggccctcgcatcagtcaccaacgccctgcg	1261		
Qy	175	gaagacaataaacnaccggcggtgtgtttaccgcgcngtttcaggcgaaaatcgccgcc	234		
Db	1262	aaggcccttaaatatcagggtatggaaatggccagggcgctggcaagataccgcg	1321		
Qy	235	atccatcgcgcgaaagcgcgtacttcagtcgcttgtgattgcogtgaagggaacgac	294		
Db	1322	atctctcgtccttcacgcgcgaagacatttacgtctccccaccatcgctcctgcac	1381		
Qy	295	gaatcgtagttcgaacgctacgcgcga	323		
Db	1382	caatccagccaaactccgcgcgcga	1410		

```

RESULT 34
AAQ97686
ID   AAQ97686 standard; RNA; 9757 BP.
XX
XX
AC   AAQ97686;
XX
DT   27-FEB-1996 (first entry)
XX
DE   Infectious rubella virus RNA.
XX
KW   Rubella; vaccine; mutant; epitope; virus; autoimmune disease;
KW   pregnancy; foetal infection; vector; plasmid; ss.
XX
OS   Rubella virus.
XX
XX
FH   Key Location/Qualifiers
FT   CDS 41..6658
FT   /*tag= a
FT   /*product= N-terminal transcript.
FT   misc_difference 2261..2263
FT   /*tag= b
FT   /*transl_except= CCU encodes Ala.
FT   misc_difference 6605..6607
FT   /*tag= c
FT   /*transl_except= GUC encodes asparagine or aspartic acid.
FT   misc_difference 8460..8462
FT   /*tag= d
FT   /*transl_except= CUG encodes Proline.
FT   misc_difference 8463..8465
FT   /*tag= e
FT   /*transl_except= CUC encodes Cysteine.
FT   misc_difference 9075..9077
FT   /*tag= f
FT   /*transl_except= UGG encodes Methionine.
XX
XX
US5439814-A.
PN
XX
08-AUG-1995.
PD

```


XX OS Rubella virus.
XX PN US6054573-A.
XX PD 25-APR-2000.
XX PF 02-SEP-1997; 97US-09997733.
XX PR 28-JUN-1991; 91US-0722334.
XX PR 19-JUL-1993; 93US-0093453.
XX PR 02-JUN-1995; 95US-0459041.
XX PA (UYGE-) UNIV GEORGIA STATE.
XX PI Abernathy ES, Pougatchev K, Frey TK;
XX DR WPI; 2000-328366/28.
XX PT Highly infectious rubella virus clones useful for developing a rubella
XX PT vaccine that can be safely administered to pregnant and older women
XX PT without risk of birth defects and autoimmune disease
XX PS Disclosure; Column 9-18; 17pp; English.
XX CC The present invention describes nucleic acid molecules (AAA08044 and
XX CC AAA08045) which are fragments of the f-therien rubella virus genome.
XX CC AAA08044 and AAA08045 are used to replace the corresponding fragments of
XX CC infectious rubella virus cDNA clone with low specific infectivity
XX CC referred to as Robo102 to create a chimeric construct with high
XX CC specific infectivity, Robo302. The highly infectious rubella virus
XX CC clones are useful as molecular biology tools for studying rubella virus
XX CC and can be used for developing recombinant vaccines against rubella.
XX CC The rubella vaccines developed can be safely administered to pregnant
XX CC and older women without risk of birth defects or autoimmune disease.
XX CC The present sequence represents a rubella virus cDNA clone used in
XX CC the exemplification of the present invention.
XX SQ Sequence 9759 BP; 1458 A; 3784 C; 3007 G; 1510 T; 0 other;

Query Match 2.6%; Score 35.6; DB 21; Length 9759;
Best Local Similarity 45.4%; Pred. No. 6.2;
Matches 122; Conservative 0; Mismatches 147; Indels 0; Gaps 0;

QY 55 gtattatgacggccgtcattaccgaagtcgctgttcttggcgaagaatatgcggt 114
DB 3944 ggcacctgtgcccgcacgcagcaggggctgcccagggcgctactacacacacctgaggtg 4003
QY 115 atgcgcctcngatgaagtcgaaggagcgatgccgtcctcaaaaaagccaaagtgtgttt 174
DB 4004 cgcgcctcgggatgacgcacatggccggcgccctcgcacatcagtcacacgcctcgc 4063
QY 175 gaagacaaaaagatnaccggcggtgtgtttacgcgcctgtttcaggcctcaaaatcgccgc 234
DB 4064 aaaggcccttacaatatcagggtatgaacatggcgcgagggcgctggcgaagctaccgc 4123
QY 235 atccatcgccgcgaagacgcctactcagtcgctgtgtgtattgcctgttgaggcgaacgac 294
DB 4124 atctcgtccttcacgcgcggaagacctttacgtgcctcccaaatcgctcctgcac 4183
QY 295 gaatcaggttcgaagcactacgcgcga 323
DB 4184 gagatccaggccaaactccgcgcgcga 4212

RESULT 37
ID AAS54113
ID AAS54113 standard; DNA; 2727 BP.
XX AC AAS54113;
XX AC AAS54113;
XX DT 13-FEB-2002 (first entry)

XX DE Pseudomonas aeruginosa DNA for cellular proliferation protein #244.
XX KW Antisense; ds; prokaryotic cellular proliferation gene;
XX KW antibiotic; antibacterial; drug design.
XX OS Pseudomonas aeruginosa.
XX PN WO200170955-A2.
XX PD 27-SEP-2001.
XX PF 21-MAR-2001; 2001WO-US09180.
XX PR 21-MAR-2000; 2000US-191078P.
XX PR 23-MAY-2000; 2000US-206848P.
XX PR 26-MAY-2000; 2000US-207727P.
XX PR 23-OCT-2000; 2000US-242578P.
XX PR 27-NOV-2000; 2000US-253625P.
XX PR 22-DEC-2000; 2000US-257931P.
XX PR 16-FEB-2001; 2001US-269308P.
XX PA (ELIT-) ELITRA PHARM INC.
XX PI Haselbeck R, Ohlsen KL, Zyskind JW, Wall D, Trawick JD, Carr GJ;
XX PI Yamamoto RT, Xu HH;
XX PI WPI; 2001-611495/70.
XX DR P-PSDB; AAU36254.
XX CC New polynucleotides for the identification and development of
XX CC antibiotics, comprise sequences of antisense nucleic acids -
XX PT
XX PT
XX PS Claim 27; Seq ID No 7750; 511pp; English.
XX CC The invention relates to antisense inhibitors of genes essential to
XX CC prokaryotic cellular proliferation, their use in identifying the
XX CC genes, their use in the discovery of novel antibiotics, the essential
XX CC genes themselves and the encoded proteins. The prokaryotes used are
XX CC Escherichia coli, Staphylococcus aureus, Salmonella typhi, Klebsiella
XX CC pneumoniae, Pseudomonas aeruginosa and Enterococcus faecalis. The
XX CC invention is also useful for the identification of potential new targets
XX CC for antibiotic development. The antisense nucleic acids can also be used
XX CC to identify proteins used in proliferation, to express these proteins,
XX CC and to obtain antibodies capable of binding to the expressed proteins.
XX CC The proteins can be used to screen compounds in rational drug discovery
XX CC programmes. The antisense nucleic acid sequence is also useful to screen
XX CC for homologous nucleic acids which are required for cell proliferation in
XX CC a wide variety of organisms. The present sequence encodes an
XX CC essential prokaryotic cellular proliferation protein.
XX CC Note: The sequence data for this patent did not form part
XX CC of the printed specification, but was obtained in electronic
XX CC format directly from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences.
XX SQ Sequence 2727 BP; 450 A; 1007 C; 854 G; 416 T; 0 other;

Query Match 2.6%; Score 35.4; DB 23; Length 2727;
Best Local Similarity 48.9%; Pred. No. 3.8;
Matches 93; Conservative 0; Mismatches 97; Indels 0; Gaps 0;

QY 1111 ggcgaccgcgcattgtccgattgttacttacgagcgtgaatgcgcgtagacatcctg 1170
DB 646 gccgacctgcacctggcgctgctgccgcaccgacgtcgcactgtttccacgcgcatcctg 705
QY 1171 cctaccctgttttgcgcgatttaactgcgcgcataccgacgagcagcattgggt 1230
DB 706 catactcgtctcgtggagactggatgcacgttcttcatcgcgcagcaccaggggt 765
QY 1231 tgccttggaattggacgaagaagacctcgtcttctgtgcacttcgttcgccggcaataac 1290
DB 766 ttccgcgcacctgaaggaaactgtgcgcactacaccgcgcgcgtgcgcgacatcgc 825

DE DNA encoding novel human diagnostic protein #21899.
XX Human; chromosome mapping; gene mapping; gene therapy; forensic;
KW food supplement; medical imaging; diagnostic; genetic disorder; ss.
XX Homo sapiens.
XX WO200175067-A2.
XX 11-OCT-2001.
XX 30-MAR-2001; 2001WO-US08631.
XX 31-MAR-2000; 2000US-0540217.
XX 23-AUG-2000; 2000US-0649167.
XX (HYSE-) HYSEQ INC.
XX Drmanac RT, Liu C, Tang YT;
XX WPI; 2001-639362/73.
XX P-PSDB; ABG21908.
XX New isolated polynucleotide and encoded polypeptides, useful in
PT diagnostics, forensics, gene mapping, identification of mutations
PT responsible for genetic disorders or other traits and to assess
PT biodiversity
XX Claim 1: SEQ ID No 21899; 103pp; English.
XX The invention relates to isolated polynucleotide (I) and
CC polypeptide (II) sequences. (I) is useful as hybridisation probes,
CC polymerase chain reaction (PCR) primers, oligomers, and for chromosome
CC and gene mapping, and in recombinant production of (II). The
CC polynucleotides are also used in diagnostics as expressed sequence tags
CC for identifying expressed genes. (I) is useful in gene therapy techniques
CC to restore normal activity of (II) or to treat disease states involving
CC (II). (II) is useful for generating antibodies against it, detecting or as
CC quantitating a polypeptide in tissue, as molecular weight markers and as
CC a food supplement. (II) and its binding partners are useful in medical
CC imaging of sites expressing (II). (I) and (II) are useful for treating
CC disorders involving aberrant protein expression or biological activity.
CC The polypeptide and polynucleotide sequences have applications in
CC diagnostics, forensics, gene mapping, identification of mutations
CC responsible for genetic disorders or other traits to assess biodiversity
CC and to produce other types of data and products dependent on DNA and
CC amino acid sequences. AAS64197-AAS94564 represent novel human
CC diagnostic coding sequences of the invention.
CC Note: The sequence data for this patent did not appear in the printed
CC specification, but was obtained in electronic format directly from WIPO
CC at ftp.wipo.int/pub/published_pct_sequences.
XX Sequence 323 BP; 95 A; 86 C; 84 G; 58 T; 0 other;

Query Match 2.6%; Score 34.6; DB 23; Length 323;
Best Local Similarity 58.6%; Pred. No. 2.3;
Matches 58; Conservative 0; Mismatches 41; Indels 0; Gaps 0;
QY 1242 ggacgaagaagacacgtctgttgacgttcgtccggcgaataacgaatgccc 1301
DB 37 ggcgcgcgagatggcgctgcgtccgacccggcgcacattcgagtgcca 96
QY 1302 gctgttcgtaagtgtctggaaacnnttgagaggaagg 1340
DB 97 ccggaagtgcagagagctgttccattcagatggagg 135
RESULT 41
AAF21735
ID AAF21735 standard; DNA; 1139 BP.
XX
AC AAF21735;

XX 27-MAR-2001 (first entry)
DT Human breast and ovarian cancer associated antigen gene SEQ ID 122.
DE
XX Human; breast cancer; ovarian cancer; cytostatic; immunosuppressive;
KW neoplastic; neuroprotective; antiviral; antiallergic; hepatotropic;
KW antidiabetic; antiinflammatory; antitumor; anticonvulsant;
KW antibacterial; antifungal; antiparasitic; cardiac; immune disorder;
KW Addison's disease; allergy; autoimmune haemolytic anaemia;
KW autoimmune thyroiditis; diabetes mellitus; Crohn's disease;
KW multiple sclerosis; rheumatoid arthritis; ulcerative colitis; ds.
KW cardiovascular disorder; wound healing; neurological disease; ds.
OS Homo sapiens.
XX WO2000055173-A1.
XX 21-SEP-2000.
XX 08-MAR-2000; 2000WO-US05881.
XX 12-MAR-1999; 99US-0124270.
XX (HUMA-) HUMAN GENOME SCI INC.
XX Rosen CA, Ruben SM;
XX WPI; 2000-611515/58.
XX P-PSDB; AAB58832.
XX New human breast and ovarian cancer associated gene sequences and the
PT polypeptides encoded by these genes, useful in the prevention,
PT treatment and diagnosis of cancer, immune disorders, cardiovascular
PT disorders and neurological diseases -
XX Claim 1: Page 573; 1299pp; English.
XX Sequences AAF21614 - AAF22031 represent DNA sequences encoding human
CC proteins AAB58711 - AAB59128. The DNA and protein sequences are
CC associated with breast and ovarian cancer. Included in the invention are
CC sequences AAF22032 - AAF22040 and AAB59129 which are used in the
CC isolation and characterisation of the DNA and protein sequences of the
CC invention. The breast and ovarian cancer associated DNA, protein, agonist
CC or antagonist sequences exhibit cytostatic; immunosuppressive;
CC neoplastic; neuroprotective; antiviral; antiallergic; hepatotropic;
CC antidiabetic; antiinflammatory; antitumor; anticonvulsant;
CC antibacterial; antifungal; antiparasitic and cardiac activity. The
CC polynucleotide and protein sequences are used in the diagnosis of cancer,
CC particularly breast and ovarian cancer. The nucleic acid sequences,
CC proteins, agonists and antagonists may also be used in the diagnosis,
CC prevention and treatment of immune disorders e.g. Addison's disease,
CC allergies, autoimmune haemolytic anaemia, autoimmune thyroiditis,
CC diabetes mellitus, Crohn's disease, multiple sclerosis, rheumatoid
CC arthritis and ulcerative colitis; cardiovascular disorders such as
CC myocardial ischaemias; wound healing; neurological diseases such as
CC cerebral anoxia and epilepsy; and infectious diseases.
XX Sequence 1139 BP; 217 A; 350 C; 375 G; 188 T; 9 other;

Query Match 2.6%; Score 34.6; DB 21; Length 1139;
Best Local Similarity 58.6%; Pred. No. 4.4;
Matches 58; Conservative 0; Mismatches 41; Indels 0; Gaps 0;
QY 1242 ggacgaagaagacacgtctgttgacgttcgtccggcgaataacgaatgccc 1301
DB 353 ggcgcgcgagatggcgctgcgtccgacccggcgcacattcgagtgcca 412
QY 1302 gctgttcgtaagtgtctggaaacnnttgagaggaagg 1340
DB 413 ccggaagtgcagagagctgttccattcagatggagg 451

1. The first part of the document is a list of names and addresses of the members of the committee.